M. A. R. 57 (Rule 116) No. E 536123

Measurement Book

"E-Bill"

Serial ... st and

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency..... M/s. K. Lakshmi Narayana Reddy, Contractor, Bangalore-45

Date of commencement of work..... D.O. Recording :- 15.03.2021

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work : Improvements to Roads and drains at Gupta Layout and surrounding area in Ward No. 46 Thanisandra, Byatarayanapura Sub-Division						
	Estimated cost = Rs. 100.00 Lakh						
	Work order No = BBMP/EE/BTP/WO/142/2020-21, Dt. 26.11.2020						
	DOB. No = 006-21-000011						
	Date of Commencement = 27.11.2020						
	Date of Completion = 15.03.2021						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Formation & excavation by manual means for Road, drains and similar works in ordinary soil, rounded surface levelled and sides neatly dressed, the deposit earth to be levelled neatly after breaking clods complete as per specifications.						
		qty vide P.Bill pg no 22 & 23					
		P.no 2	1:55:1.58			@ 210.00/m³	133871.80
2)	Providing and laying plain cement concrete of mix 1:3:6 with ope. cement concrete of mix 1:3:6 with ope cement @ 220/m³ with crushed 40mm and						

M. A. R. 57 (Rule 116) No. E
Measurement Book

536124

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	down size graded granite metal coarse aggregate @ 0.89m³ and fine aggregate @ 0.46m³ in the treatment of the material, placed in foundations and compacted by vibrators including curing for 14 days, including costing materials, labour charges, curing forms, moulds, scaffolding and complete as per specifications.						
		qty vide P.Bill pg no 21					
		P.no-1	= 441.58			@ 3500/m³	1545530.00

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Providing laying placing reinforced cement concrete for Side drains using m:20 nominal mix Concrete with OPC at 300 kgs with 20mm. aggregate down size granite metal Coarse aggregate at 0.8 m³ and fine aggregate at 0.4 m³ Machine mixed, well Compacted for w.m and bottom including Centering, shuttering, cost of materials, Hoisting Machine, curing etc complete, Excluding cost of steel as per mosm specifications, cc. full wall and bottom thickness 15cm)						
	Side R.Bill. Item No. (3)						
	P.No 2 = 21½ M³ @ 7500/M³						

M. A. R. 57 (Rule 116) **No. E** 536125

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing two. bars of fe. 500 steel reinforcements for RCC works including straighting, cutting, bending, hooking placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design; costing material, labour, Hoisting machinery complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Qty vide E. Bill # no. (4)					
		P. no. 3	= 13.37 Tonnes @ 65000/ton.				8,69,050.00
5)	Providing and fixing pre-cast covering slabs made out of c.c. 1:2:4 with 10cms thick and finishing cutting, including, formwork, curing including cost of all materials, labour, hire charges of all machinery, loading unloading, lead and lift, transportation etc complete.						
		Qty vide E. Bill # no. (5)					
		P. no 3	= 409.05 m^2 @				957060.00
			2340/m^2				

M. A. R. 57 (Rule 116) **No. E** 536126
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Providing and fixing pre-cast covering slabs 250mm thick made out of c.c. 1:2:4 and jelly 20mm and down size c/c with steel reinforcement including formwork, curing including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation on charges etc complete as per Engineer-in-charge of work						
		Qty vide E. Bill # no. (6)					
		P. no 4	= 37.17 m^2 @ 5500/m^2				204435.00

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MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Excavation for Road works in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and sides slopes, in accordance with requirements of lines, grades, and cross sections, and transportation with a lead of 1 km and complete as per specifications. Measured as per specifications, lowday, including initial lead.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	graded crushed stone aggregate of granite (hyp) based material, mixing in a mechanical mix plant at one, carriage of mixed material to work site spreading, in uniform layers with motor grader on prepared surface and compacting with vibrating power Roller to achieve 98% max. dry density, complete as per specifications.						
	@ Rate as per B.B.11. item no 4 =					369.13 m³ @ 2000/m³	738252.62
to)	Cement concrete pavements, construction of						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 536128

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ced cement concrete for pavement, using a grade Concrete M-30 cover a prepared base with ope come aggregate @ 0.6 m³ fine aggregate @ 0.4 m³ coarse and fine aggregate confirming to IS-383-2016 with super plasticiser @ 2% confirming to IS-9103-2008 mixed in a concrete mixer of not less than 0.6 m³ capacity and appropriate weigh batcher as per approved mix design, laid in approved traced steel form work						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and spreading the concrete with shovels, raddens compacted using needle, screed and plate vibrators and finished with floaters in a continuous operation including provision of contraction, expansion, constn and longitudinal joints including, groove cutting-charges etc complete.						
	Qty as per R.B.N. No. (10)						
	P.No. 7		371.71			m^3 @ 6000/m^3	22,24,275.36
						Sub-Total	93,63,325.00
	Add Cess @ 12%.						11,23,599.00
						Total Amount	R, 1,04,86,924.00

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15/3/2024

15/3/24

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M. A. R. 57 (Rule 116)
Measurement Book

No. E 536129

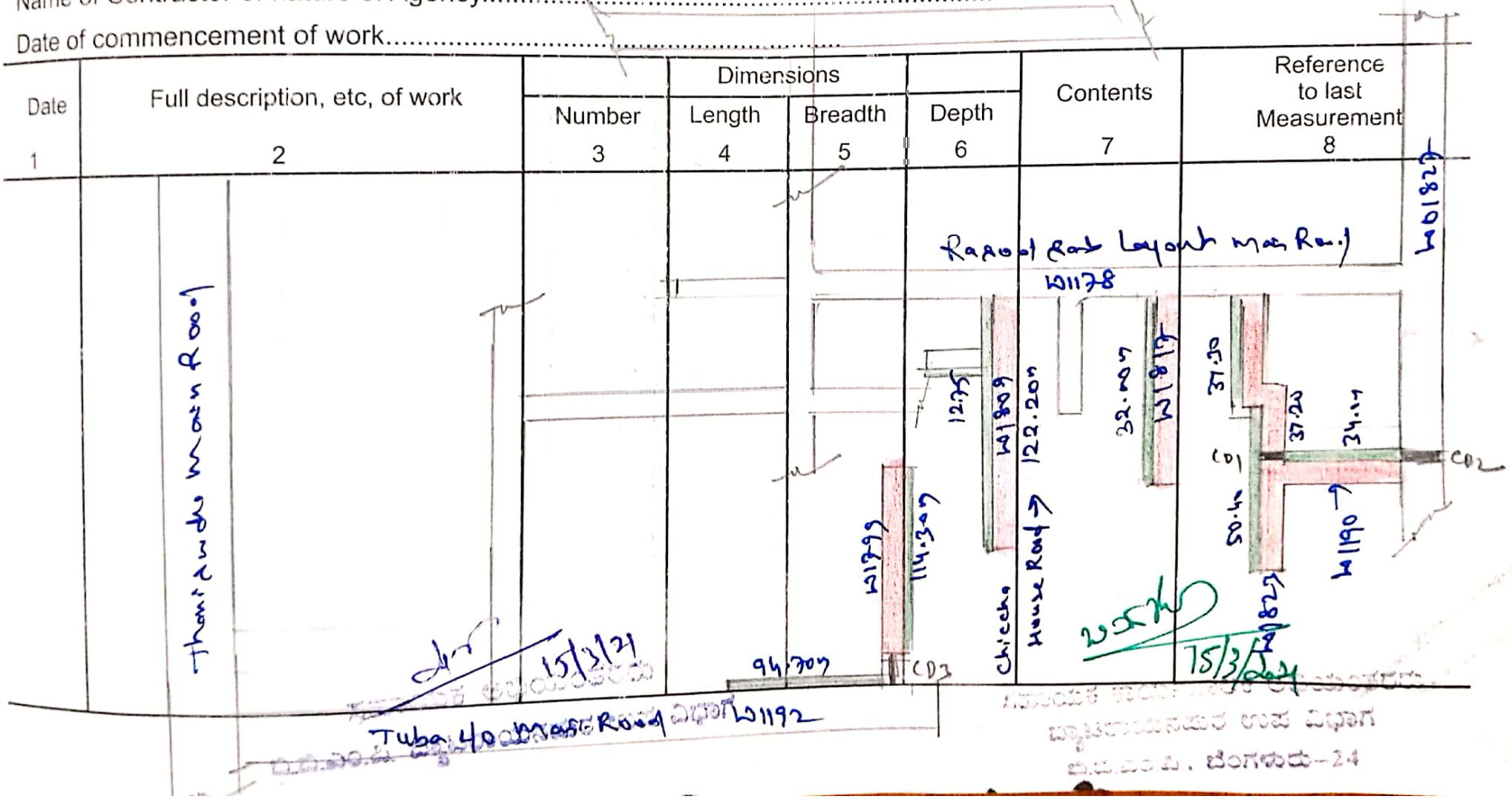
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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